

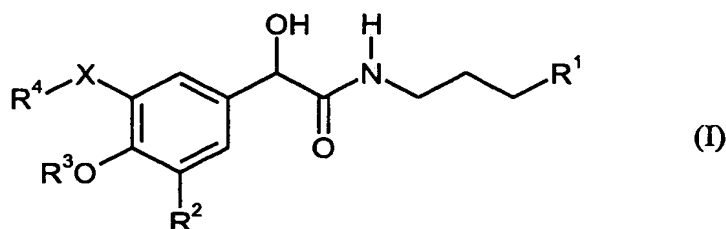
In the Application of:

LEY et al.

Serial No.: New Application

IN THE CLAIMS:

1. (Amended) ~~Use of A flavouring composition comprising a mandelic acid alkylamides~~
alkylamide of general formula (I)



wherein

X represents a single bond or an oxygen atom,
and

R^1 represents a linear or branched alkyl residue with 1 to 20 carbon atoms or a linear or branched alkenyl residue with 2 to 20 carbon atoms,
and

R^2 represents a hydrogen atom, a hydroxy group or an $O-R^5$ group,
and

R^3 , R^4 and R^5 , independently of one another, represent hydrogen or a lower alkyl residue or a lower alkenyl residue,
or

R^3 and R^4 together represent a $-CR^6R^7-$ group,

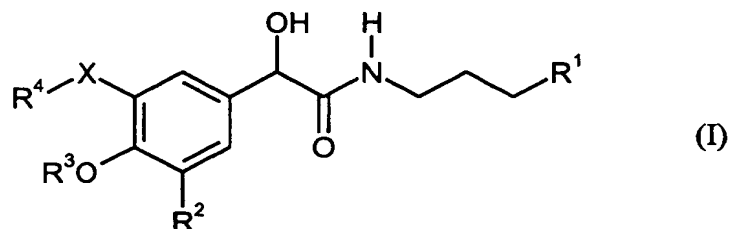
and R^6 and R^7 , independently of one another, represent hydrogen or lower alkyl residues or lower alkenyl residues,

and ~~the various~~ stereoisomers or mixtures thereof ~~as flavour compounds~~.

2. (Amended) ~~Use of A flavouring composition comprising~~
2-(4-hydroxyphenyl)-2-hydroxy-N-heptylacetamide,
2-(4-hydroxyphenyl)-2-hydroxy-N-octylacetamide,
2-(4-hydroxyphenyl)-2-hydroxy-N-nonylacetamide,

2-(4-methoxyphenyl)-2-hydroxy-N-heptylacetamide,
2-(4-methoxyphenyl)-2-hydroxy-N-octylacetamide,
2-(4-methoxyphenyl)-2-hydroxy-N-nonylacetamide,
2-(3,4-dihydroxyphenyl)-2-hydroxy-N-octylacetamide,
2-(3-hydroxy-4-methoxyphenyl)-2-hydroxy-N-heptylacetamide,
2-(3-hydroxy-4-methoxyphenyl)-2-hydroxy-N-octylacetamide,
2-(3-hydroxy-4-methoxyphenyl)-2-hydroxy-N-nonylacetamide,
2-(4-hydroxy-3-methoxyphenyl)-2-hydroxy-N-heptylacetamide,
2-(4-hydroxy-3-methoxyphenyl)-2-hydroxy-N-octylacetamide,
2-(4-hydroxy-3-methoxyphenyl)-2-hydroxy-N-nonylacetamide,
and
2-(4-hydroxy-3-methoxyphenyl)-2-hydroxy-N-(7-methyl-1-octyl)acetamide
and the various stereoisomers or mixtures thereof,
as flavour compounds.

3. (Amended) ~~Use according to claim 1 or 2; A flavouring composition according to claim 1 exhibiting a pungent flavour wherein flavour compound means pungent compound or a flavour compound with a heat-generating effect.~~
4. (Amended) ~~Use according to at least one of claims 1 to 3 in preparations for use in A preparation consumed for nutrition or consumed for pleasure comprising a flavouring composition according to claim 1.~~
5. (Amended) ~~Use according to at least one of claims 1 to 3 in preparation~~ An oral hygiene composition comprising a flavouring composition according to claim 1. for use in oral hygiene.
6. (Amended) Preparations for use in nutrition, oral hygiene or consumed for pleasure containing mandelic acid alkylamides of general formula (I)



wherein

X represents a single bond or an oxygen atom,
and

R¹ represents a linear or branched alkyl residue with 1 to 20 carbon atoms or a linear or branched alkenyl residue with 2 to 20 carbon atoms,
and

R² represents a hydrogen atom, a hydroxy group or an O-R⁵ group,
and

R³, R⁴ and R⁵, independently of one another, represent hydrogen or a lower alkyl residue or a lower alkenyl residue,
or

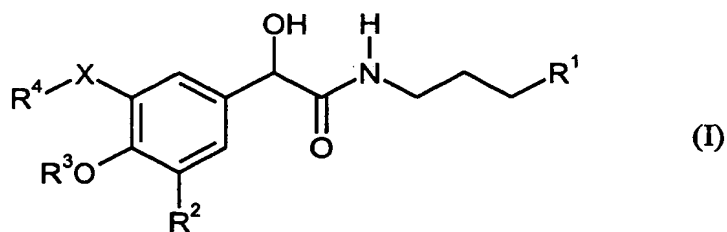
R³ and R⁴ together represent a -CR⁶R⁷- group,
and

R⁶ and R⁷, independently of one another, represent hydrogen or lower alkyl residues or lower alkenyl residues,

and the various stereoisomers or mixtures thereof.

7. (Original) Preparations according to claim 6, containing at least one other pungent-tasting or heat-generating substance.
8. (Original) Preparations according to claim 6, containing at least one pungent-tasting plant extract.
9. (Original) Preparations according to claim 6, containing at least one other pungent-tasting or heat-generating substance and at least one pungent-tasting plant extract.

10. (Amended) Preparations according to ~~at least one of claims 6 to 9~~ claim 6 in the form of a semi-finished ~~products~~ product.
11. (Amended) Preparations according to ~~at least one of claims 6 to 10~~ claim 6 in the form of odour, flavour and taste compositions and seasoning mixes.
12. (Amended) Mandelic acid ~~alkylamides~~ alkylamide flavouring compounds of general formula (I)



wherein

R¹ represents a linear or branched alkyl residue with 1 to 20 carbon atoms or a linear or branched alkenyl residue with 2 to 20 carbon atoms and

R² represents a hydrogen atom,
and, either

X represents a single bond,

R³ a lower alkyl residue or a lower alkenyl residue and

R⁴ hydrogen,

or

X represents an oxygen atom,

R³ hydrogen, and

R⁴ a lower alkyl residue or a lower alkenyl residue,

or

X represents an oxygen atom,

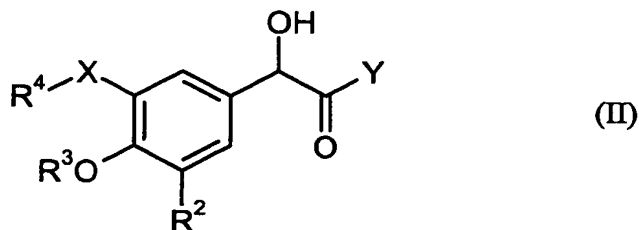
R³ a lower alkyl residue or a lower alkenyl residue, and

R⁴ hydrogen,

and the various stereoisomers or mixtures thereof with the exception that X represents an oxygen atom, R¹ 1-pentyl, R² and R³ hydrogen and R⁴ methyl.

13. (Original) 2-(4-Hydroxyphenyl)-2-hydroxy-N-heptylacetamide,
2-(4-hydroxyphenyl)-2-hydroxy-N-octylacetamide,
2-(4-hydroxyphenyl)-2-hydroxy-N-nonylacetamide,
2-(4-methoxyphenyl)-2-hydroxy-N-heptylacetamide,
2-(4-methoxyphenyl)-2-hydroxy-N-octylacetamide,
2-(4-methoxyphenyl)-2-hydroxy-N-nonylacetamide,
2-(3-hydroxy-4-methoxyphenyl)-2-hydroxy-N-heptylacetamide,
2-(3-hydroxy-4-methoxyphenyl)-2-hydroxy-N-nonylacetamide,
2-(4-hydroxy-3-methoxyphenyl)-2-hydroxy-N-heptylacetamide,
2-(4-hydroxy-3-methoxyphenyl)-2-hydroxy-N-nonylacetamide,
and
2-(4-hydroxy-3-methoxyphenyl)-2-hydroxy-N-(7-methyl-1-octyl)acetamide.

14. (Amended) A process for producing ~~Production of the~~ flavouring compounds according to claim 12 ~~or 13~~, characterised in that a mandelic acid of general formula II



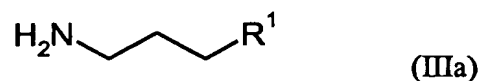
wherein

X, R², R³ and R⁴ have the meaning given in claim 12,

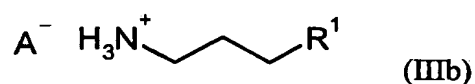
and

Y represents an activated nucleofuge, or derivatives, the OH groups of which are protected with protective groups,

is reacted with an alkylamine of general formula (IIIa)

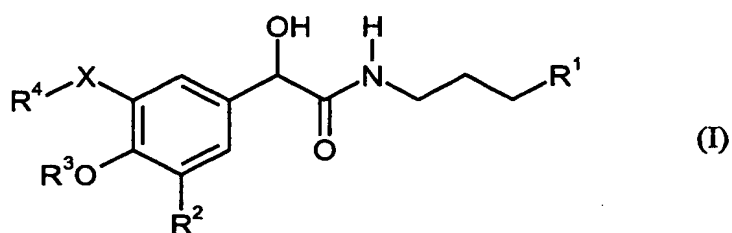


or an alkylammonium salt of general formula (IIIb)



wherein R^1 has the meaning given above and A^- denotes an inorganic or organic anion; ~~optionally in the presence of solvents and/or auxiliary bases, and the protective groups of the OH groups are optionally split off.~~

15. (Cancelled)
16. (Amended) Cosmetic or dermatological preparations containing mandelic acid alkylamides of general formula (I)



wherein

X represents a single bond or an oxygen atom
and

R^1 represents a linear or branched alkyl residue with 1 to 20 carbon atoms or a linear or branched alkenyl residue with 2 to 20 carbon atoms
and

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R^2 represents a hydrogen atom, a hydroxy group or an $O-R^5$ group
and

R^3 , R^4 and R^5 , independently of one another, represent hydrogen or a lower alkyl residue or a lower alkenyl residue, or R^3 and R^4 together represent a $-CR^6R^7-$ group
and

R^6 and R^7 , independently of one another, represent hydrogen or lower alkyl residues or lower alkenyl residues,

and the various stereoisomers or mixtures thereof.